

II. SPECIFICATION AMENDMENTS

Page 1, before line 1, insert the heading

(a) TITLE OF THE INVENTION

Page 1, line 3, insert the headings

(b) CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

(c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
DEVELOPMENT

Not Applicable

(d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A
COMPACT DISC

Not Applicable

(e) BACKGROUND OF THE INVENTION

(1) Field of the Invention

Page 1, lines 4-8,

The present invention relates to a portable electronic device comprising an open and closed use position ~~as set forth in the preamble of the appended claim 1.~~ The invention also relates to a handle arrangement for a portable, foldable electronic device comprising two or more positions ~~as set forth in the preamble of claim 13.~~

Page 1, line 9, insert the heading

(2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98

Page 3, before line 1, insert the heading

(f) BRIEF SUMMARY OF THE INVENTION

Page 3, lines 13-16,

~~The device according to the invention is characterized in what will be presented in the characterizing part of claim 1. The handle arrangement according to the invention is characterized in what will be presented in the characterizing part of claim 13.~~

Page 6, line 12, insert the heading

(g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S)

Page 7, line 4, insert the heading

(h) DETAILED DESCRIPTION OF THE INVENTION

Page 7, lines 5-29,

With reference to Figs. 1 and 2, a communication device 1, in the following description also called device 1, comprises in the use position a horizontal handle-like housing part 2 comprising a substantially even side surface 21. The housing part 2 is arranged for holding the device 1 in the user's palm. A side surface 22 with a substantially identical shape is located on the opposite side of the housing part 2, i.e. the handle part 2, and the device 1. Figure 2 also illustrates the user's grip to hold the device 1. In Figs. 1 and 2, the device 1 is shown in a closed position (CMT use position), but the device 1 is held in a corresponding manner when it is in its opened position (PDA use position), as shown in Fig. 4. A right-handed user has the thumb and the other fingers on the sides 22 and 21, respectively; a left-handed user vice versa. The forefinger is placed on top of the handle 2 when using the navigation key 3. The handle part 2 also comprises a side surface 23 between the side surfaces 21, 22, placed against the user's palm. The side surface 23 extends

transversely across the palm between the thumb and the other fingers, when the device 1 is held in the use position and in a substantially vertical position. In Fig. 2, the side surface 23 and the longitudinal direction of the device 1 are ~~placef~~ placed substantially parallel to the forefinger. The side surface 23 is supported by the palm, resting on it, when the palm is directed towards the user's face, sloping upwards. The device 1 is thus horizontal or slightly slanted. The fingers are simultaneously used to support the handle part 2 by pressing the side surfaces 21 and 22, wherein the swinging of the device 1 is efficiently prevented during the use or the opening.

Page 10, line 34, to page 11, line 13,

An advantageous embodiment of the device 1 of Fig. 2 comprises an optical ~~lense~~ lens arrangement 14 which extends through the handle part 2 and is the viewfinder of the electronic camera. The viewfinder 14 is arranged at the upper edge of the side surface 22, and it is oriented away from the user in a direction which is substantially perpendicular to the side surface 21. Alternatively, the view is displayed on the display 11 which is preferably a liquid crystal display (LCD) known as such. The view can be obtained as an image from the image sensor of the camera, converting the optical image to electric signals. The image sensor is for example a charge coupled device (CCD) known as such. On the basis of the view, the camera is focused to its object to take a still or video image. The image is stored in digital format in the memory means of the device 1, and it can also be transmitted further in a wireless manner in the CMT and PDA modes. Menus and symbols related to the function of the camera, such as dates and image management, are displayed on the display 11. The button of the key 3 or the control button 4 (or

control button 5) is used as a release button, and the menus are controlled e.g. by the key 3.

Page 13, lines 13-34,

According to one embodiment of the Figs. 3 and 4, a camera arm 18 for an image sensor is provided on the surface 29 of the upper part 26 in the handle 2. The horizontal camera arm 18 is placed between the housing parts 6, 9, and it has a set of openings 19 for the sensor ~~lense~~ lens arrangement. In the closed position, the sensor is oriented in the same direction as the viewfinder 14. The camera arm 18 is rotatable around its longitudinal axis downwards and in the opposite direction in a sector of at least 180°. The axis of rotation is substantially perpendicular to the side 29 and the walls 62, 92 in the opened position of Fig. 4. As the camera arm 18 can also be turned at least 90° upwards as shown in Fig. 5, the camera can be focused on a wide area, if the device 1 is supported stationary on its base. The axis of rotation is perpendicular to the sides 21, 22. To the position of Fig. 5, the camera arm 18 is bent or placed by means of an arch-like slide rail, at the end of which the camera arm 18 is fixed. Alternatively, the camera arm 18 is placed in the housing part 6, by the right window 32 and parallel with the wall 62. The set of openings is thus oriented towards the user in a direction which is substantially perpendicular to the surface 62, wherein in the closed position, the camera is oriented in the direction of the viewfinder without moving the camera arm. The arm 18 can also be provided with rotation around its longitudinal axis to direct the camera downwards and upwards.

In the Abstract

Abstract

~~The invention relates to a~~ A portable, foldable electronic device comprising an opened use position and a closed use position, and a handle arrangement for the same. It comprises at least a first housing part (6), a second housing part (9), a hinge mechanism (36) arranged for folding the housing parts (6, 9), an electronic display (8, 81, 82) fitted on at least one inner wall (62, 92) of the housing part, a handle-like third housing part (2) arranged for holding the device (1) in the ~~different~~ use positions and comprising a wall (23) to be placed transversely against the user's palm, wherein the hinge mechanism (36) is arranged on the side of the opposite wall (29) and arranged for folding the first and the second housing parts (6, 9) ~~also~~ in relation to the third housing part (2), wherein each adjacent wall (21, 22) is provided with at least one key button (4, 5) within reach of the fingers, and wherein the first wall (23), ~~said the~~ upper wall (24) or the angle edge therebetween (25) is provided with a navigation key (3) within reach of the forefinger, equipped ~~also~~ with a push-button function and arranged rotatable in at least two opposite directions.

~~(Fig. 2)~~